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An Essay

on

Gastritis

Submitted to the

Medical Faculty of the

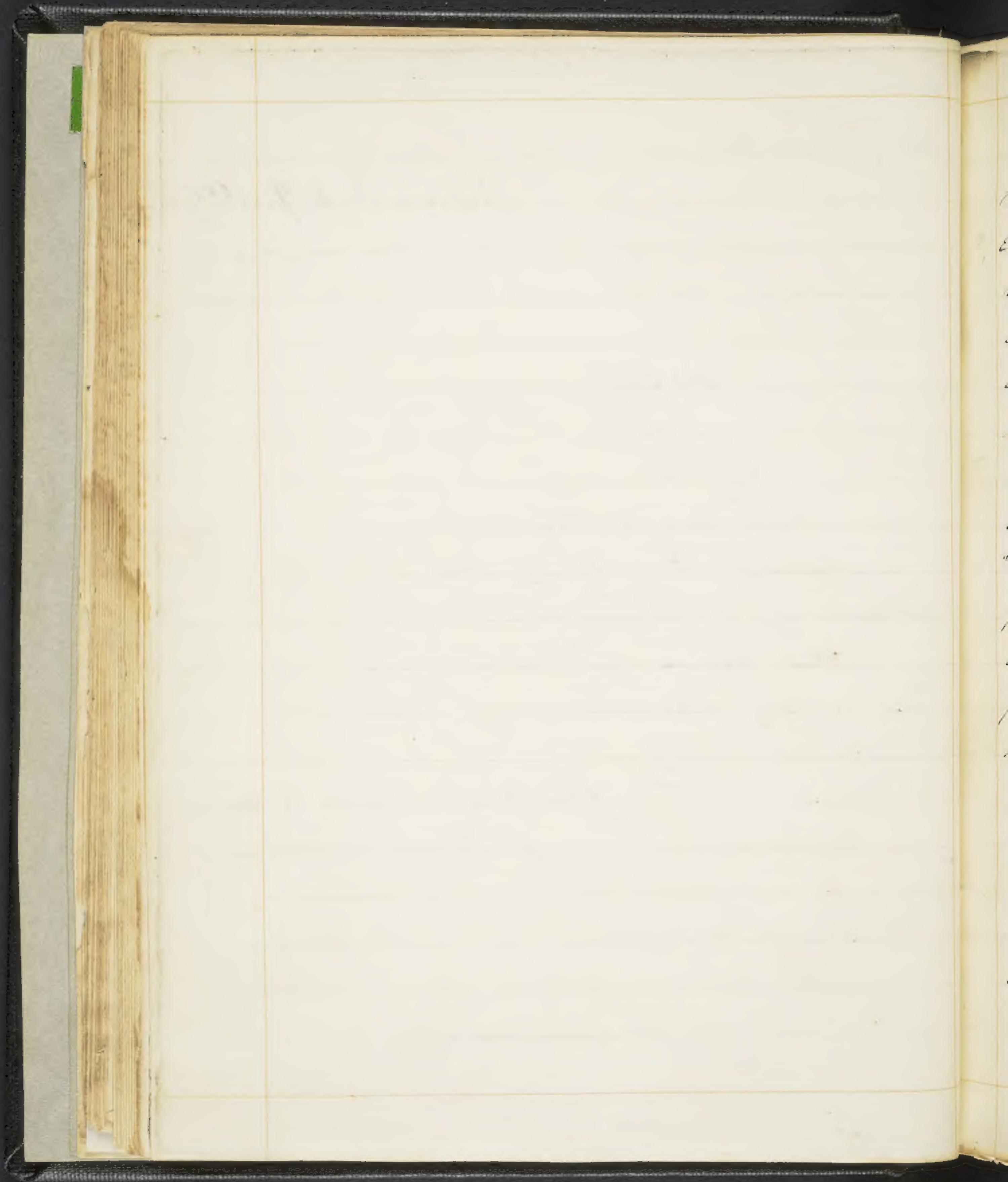
University of Pennsylvania for

the degree of Doctor

of Medicine

By

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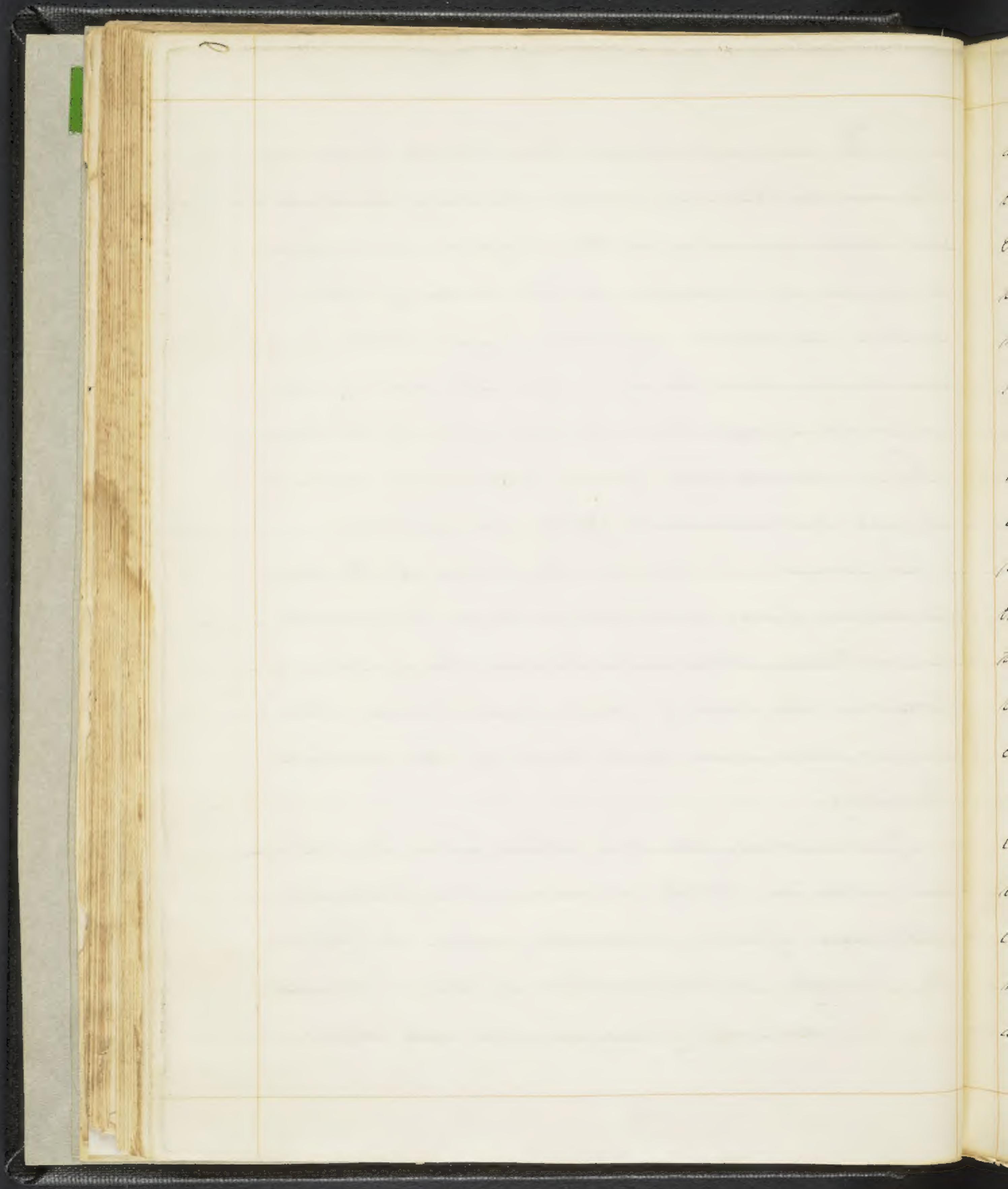
5

The important station the Stomach holds in the animal Economy, renders the study of its diseases most interesting to the physician and useful to mankind: situated in the centre of the System all nervous sensation is felt there, and an injury done to it, is soon extended, by its intimate sympathies, to every part of the body. In it, almost every disease commences, and to it all our remedial efforts are directed.

"The Stomach is probably the throne of the vital principle, from which would seem to emanate an influence, that, diffused over the System, preserves the order of parts and sustains the vigour, tone, and well-being of the animal Economy."

Of its diseases, the one, which, from its violence as well as rarity, demands the particular attention of every medical man, is Gastritis or simple inflammation of the Stomach.

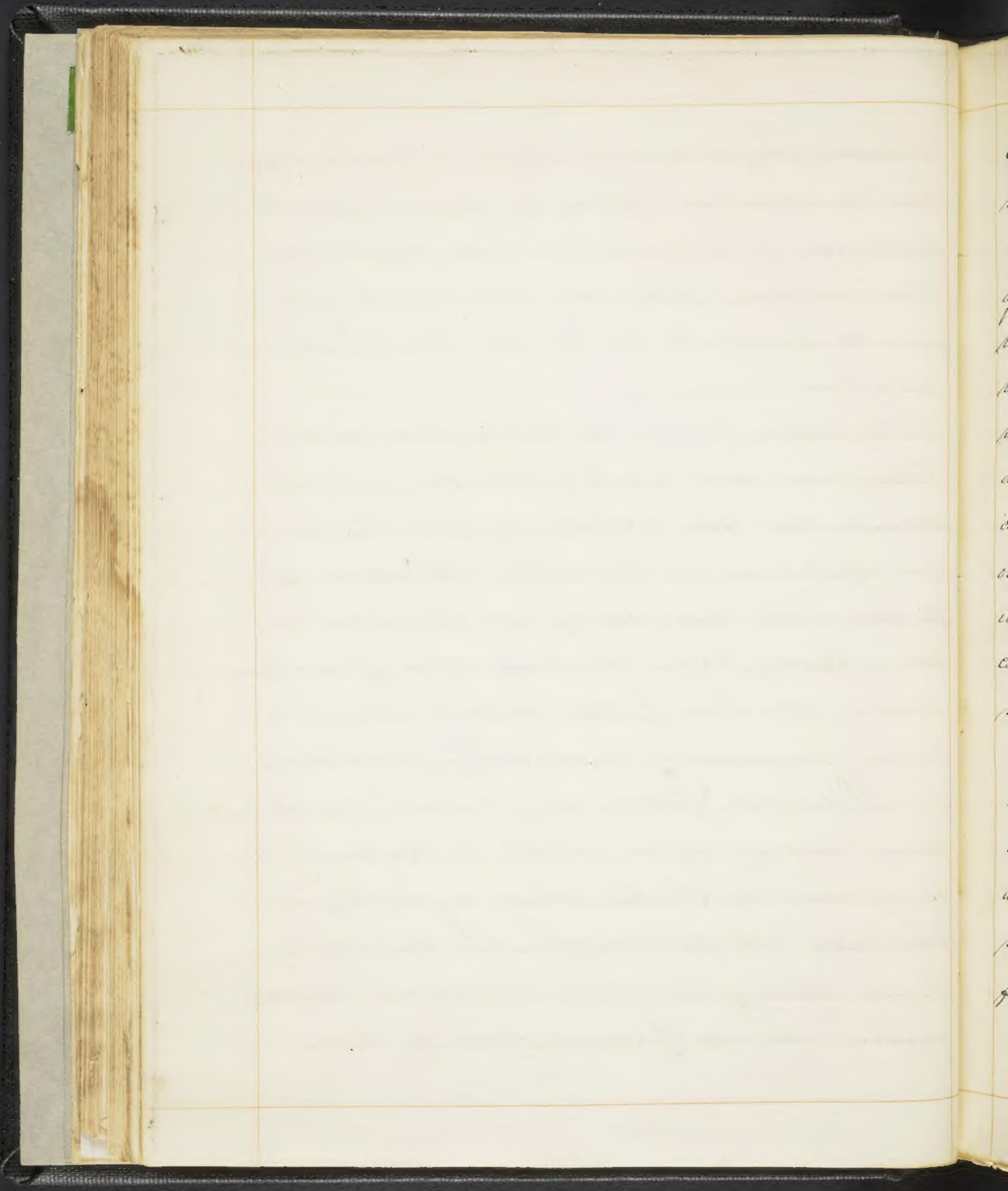
Practically unacquainted with disease



as almost every student is supposed to be, his Essay will be, rather, an epitome of the writings and experience of the most eminent practitioners, than, original; which being the case I am now to proceed to the consideration of my subject—

By Cullen, Gastritis has been divided into Phlegmonic and into Erysipelatous - which division has been adopted by most other nosologists, since his time. It is the former of the two, which shall occupy my attention in the following pages. The latter arises generally towards the close of other diseases, and is a certain prognostic of approaching dissolution.

Phlegmonic Gastritis may be caused by sending acid or poisonous articles, by the perspiration being suddenly checked, taking a quantity of cold water into the stomach when the body is heated - eating indigestible substances, intemperance in the use of ardent spirits, or from

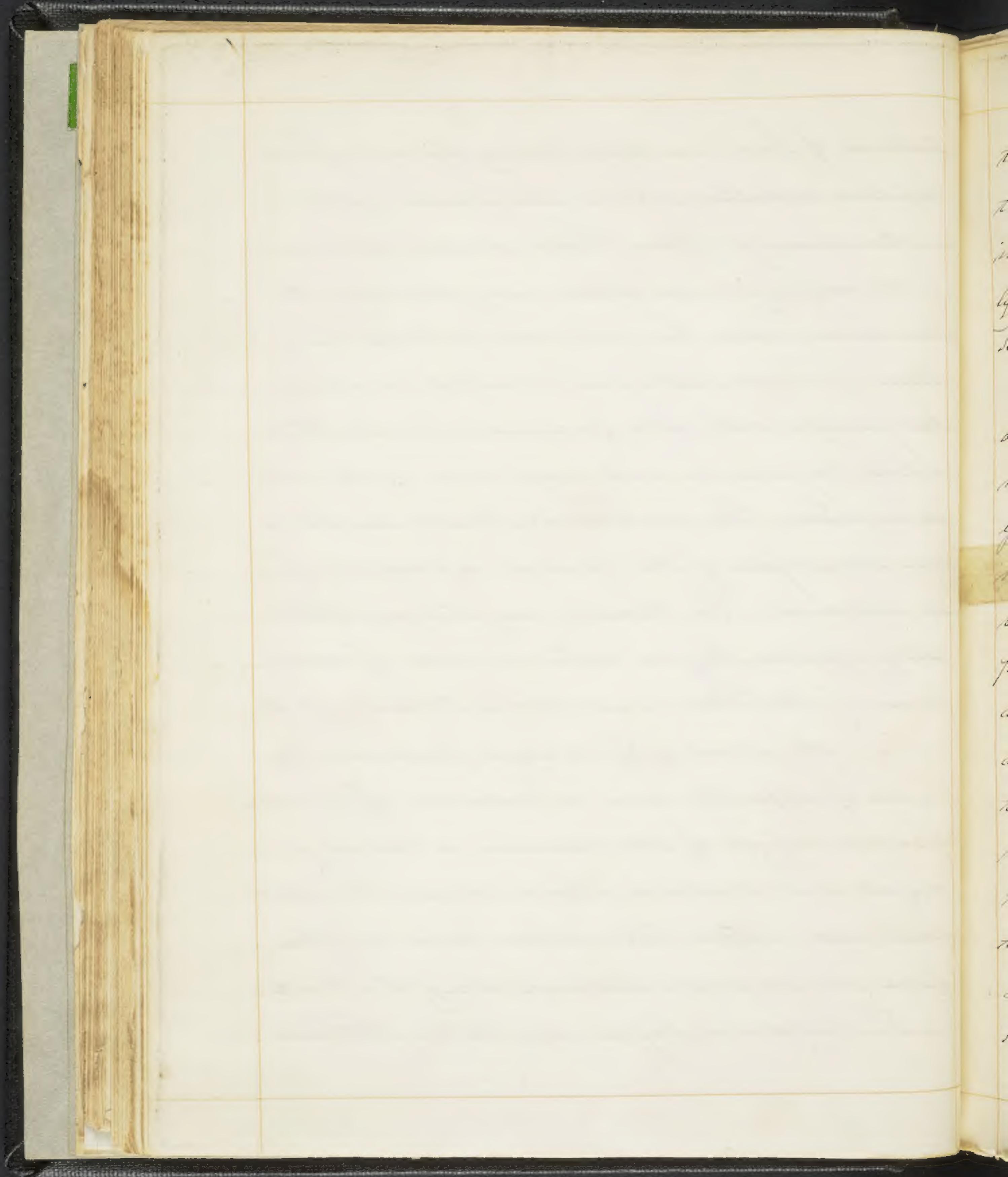


Extremes of heat and cold: it may also arise from repelled exanthemata or misplaced goit.

According to Wilson Philip ulcerous affections of the oesophagus and fauces, may give origin to this disease, some have attributed it to the Excretion of drastic cathartics or violent Emetics - but perhaps with little foundation; unless the article be given in such large doses as to act as a poison. The mechanical causes, air, blows over the region of the stomach, or wounds of its substance. The stomach may be sympathetically affected, by an inflammation of one or more of the abdominal viscera, extending to it.

An attack of Gastritis, is preceded by a loss of appetite, and a sensation of oppression over the region of the stomach, a burning pain is felt in its substance, which returns at intervals, and is often felt as low down as the false ribs or starts upwards along the back.

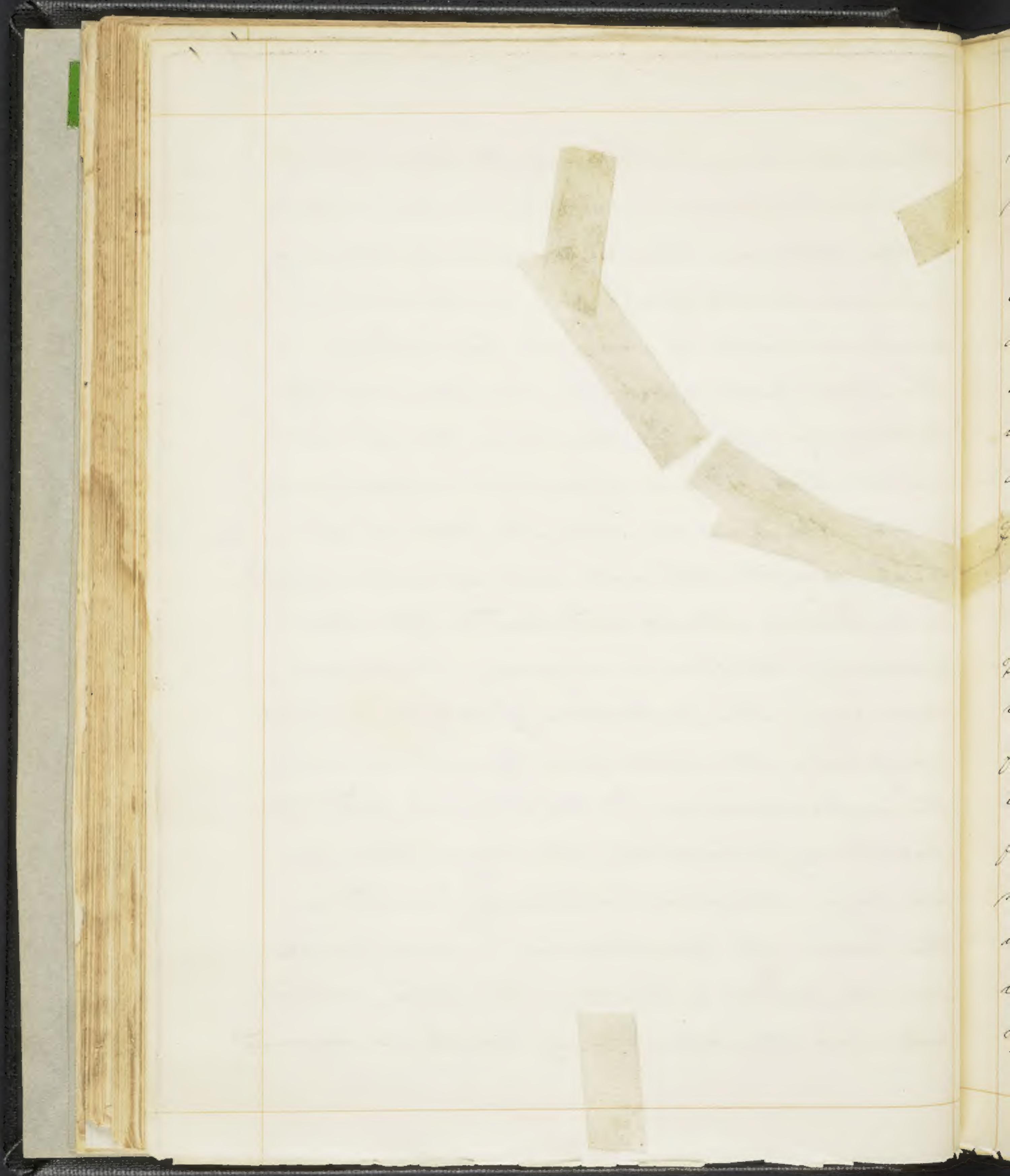
The circulation begins now to be disturbed



114

the mouth becomes clammy, the fingers dry,  
the tongue is furred, and the stomach irritable  
in the extreme; the Epigastrium is exceedingly  
painful to the touch, even so much so, as  
scarcely to be able to bear the bed clothes.

The thirst becomes intense and the anxiety  
distressing - and when any fluid, even of the  
mildest kind, is given it is almost instantaneously  
ejected, the pulse in some few cases is not  
much affected, but will most generally be found  
to be choroided, small and hard - the tem-  
perature of the skin is unequal. The disease  
advancing, the prostration of strength is sudden  
and great, the diaphragm sympathizes with  
the inflammation of the stomach, and the  
breathing is hurried, the tongue cleans at  
the edges but remains heavily loaded in  
the centre, the countenance is unnatural  
and the aspect is bloated, the pulse now  
sinks, and the approach of death is announced



14

Leaves are singularly dark green and pointed  
tapering to a long point.

Leaves numerous, of an irregular shape  
being a number of narrow linear ones mixed among  
them and a few larger ones, the larger  
ones being roundish and somewhat  
narrower above and bluntish at the base, all  
the leaves are covered over by the web which  
is a fine silken web and it is seen at a  
magnified glass.

Pulling one of the leaves from the plant  
in the case, the web can be seen  
extending through the web, the web is  
well extended, a loose mass, where  
there is nothing, the web becomes very  
soft and pale, in a short time  
such a mass is over the stem, leaves  
and even the tree about the tree  
by which such a plant grows, soft and  
yellow, pale, and powdered in a short time.



11

The influence of the violent was a deponent  
to the murderer - in the case of a  
woman who was shot & killed by her  
husband - he was a drunkard &  
had been threatening his wife & children  
and had been threatening to kill  
her - she had been afraid of him  
since the marriage.

In case of English widow the man who gave  
the information was the son, he said  
that his father had been threatening  
to kill his mother - the widow remained silent  
when asked if she had been afraid of her husband  
and she did not say whether she had been threatened  
or threatened to be threatened or not.

The widow had been married before  
she was born and it could not be known  
whether there will be considerable difference  
between the character of the man who  
abducted her and the character of the man  
who killed her.



now at my instance testing a new  
color in which the upper part the body  
is silvered black & the lower part  
consisting of the head & tail in  
particular will now and then  
change color & become  
brownish green & greenish brown  
and then again become yellowish  
yellowish green & greenish yellow  
and then again become black  
black by themselves they are  
however in fact not the same species of fish  
but different kinds of fish  
that have been put together  
and are mixed with the same kind of fish

the difference the color and shape  
of the body & the mouth & gills  
is however not so great that it is  
not the same fish and it is  
therefore difficult to distinguish







and the first time I have seen it  
I am struck with its beauty,  
it is a most delicate flower,  
and the petals are very thin,  
but the color is very rich & bright.  
The flower is about 1 1/2 inches long, but  
the leaves are much larger than the  
flower, they are broad & flat  
oval shape, and are divided, and have  
the pointed end, the broadest part, near  
the middle of the narrow ones. The leaves  
are smooth & glossy, the flowers are  
yellow & are attached to the stem by  
short stalks, and are regular in size.  
The other flowers are white & are not  
so large, but are quite beautiful. When the leaves  
are picked up, they are fragrant, and  
are found near the pines that grow in the near environs.



Willing, can be more solid than the  
Pithing, & this more坚固, and  
the imagination most generally does, to  
the mass of membrane of the Stomach,  
which, directed, so as to cover the solid  
and muscular, and being continually  
given the position, may be accounted

when the imagination has directed  
the other body, as may be observed in  
the process of the human embryo,  
when the membranes of the body  
become, there is a great, and the more  
being covered with a solid form.

In the human embryo, we see  
into the situation, the mass of the body,  
which consists of the solid and  
rigid, and a more membranous part  
is this, because it is more liable to change  
than the other, & it is this one part and  
which is membranous, which is the



2

the first time, and I have been  
so long in the country, that I  
have had no opportunity of getting  
any information from the Indians.  
I have however, seen a few  
of them, and they are very  
friendly, and appear to be  
well acquainted with the country.  
The Indians here are  
very numerous, and it is difficult  
to get any information from them,  
as they are very shy, and  
will not speak to any one  
but their own people.  
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but their own people.



For when the time comes to remove, such  
removal will be very difficult.  
The present system of the Chinese  
seems to be based upon the following  
is the commercial and economic stability  
of the empire, the administration of justice  
and, whenever necessary, the removal of the former  
and the introduction of the  
latter in the government.  
Hence we see the result is this method  
of dealing with local matters is quite  
gentle and mild.

Now the man is taught that the  
dealing with the people should be a sufficient  
punishment, he tended to act as a teacher  
when great punishment was required in exec-  
uting this article - so far as we might  
be acquainted in our experience with  
the various situations of this article, we might  
perhaps the best method of administering it

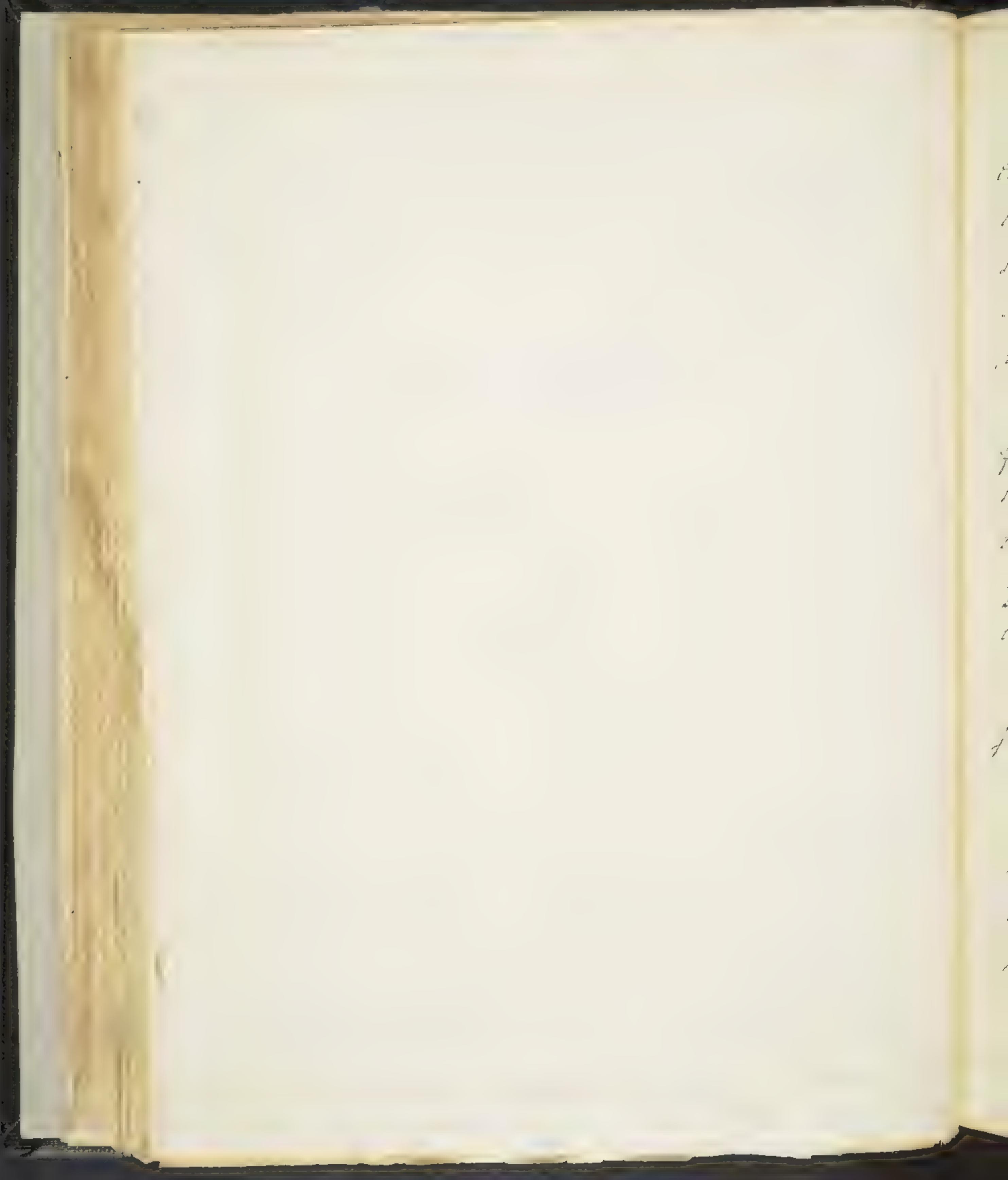


15

How can it be that you have  
done this in my Country?

As the infinite number of the  
people who are in the world have to  
live with the same kind of support  
like the rest of their nation at the  
University of Pennsylvania and the City of  
Philadelphia - I am inclined to suppose that  
the latter, even upon a general average,  
is so great that, when, from the given  
sums comes out, there will be more  
evidence to direct that the amount  
is carried into mis-use.

The evil of the present must be  
directly proportional to the existing  
during the last 10 years. At the  
same time, you being a man who  
ought to make no secret - when he  
will be able to clear up his account  
and when it will be done.



lightest and most digestible articles are to be employed - as it respects the use of nutritive clysters, they are to be employed in such cases and under such circumstances as the judgement of each practitioner shall think most proper.

As the consideration of the effects of acid and poisonous articles upon the stomach - the attending characteristic symptoms, and the necessary treatment, would of itself occupy more space than the just limits of a medical thesis would permit I deem it inexpedient to take the subject under consideration -

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I know that there are few faults in an Essay, which are not more readily overlooked, or more promptly forgiven than that of circumlocution and pedantry - I have endeavoured to sum up the



History and treatment of Acute Phlegmonous  
Inflammation of the Stomach, as concisely  
and correctly - as was in my power.

How happily I have succeeded, now  
remains for you to decide, but with its  
many imperfections I cast myself  
upon your liberality, and expect from you  
that lenient criticism, which a first  
attempt is, in every instance, sure to  
receive -

John Vaughan Smith

